

CLAIMS

What is claimed is:

- 1 1. A method comprising:
2 receiving a wireless request at a first machine to switch control of a device to a
3 second machine;
4 relinquishing control of said device at said first machine;
5 transferring a token from said first machine to said second machine; and
6 establishing wireless control of said device at said second machine.
- 1 2. The method of claim 1 further comprising terminating wireless transmissions of
2 commands and data between said first machine and said device.
- 1 3. The method of claim 2 further comprising initiating wireless transmissions of
2 commands and data between said second machine and said device.
- 1 4. The method of claim 3 wherein said token represents a control key to indicate
2 control ownership of said device.
- 1 5. The method of claim 4 wherein said wireless request is generated upon input of a
2 predetermined key combination.
- 1 6. The method of claim 5 wherein said device is an input/output (I/O) device having
2 capability for wireless communication.

1 7. The method of claim 6 wherein said wireless transmissions and said wireless
2 communication comply to Bluetooth wireless protocol.

1 8. The method of claim 7 wherein said first machine is a first computer and said
2 second machine is a second computer.

1 9. The method of claim 8 wherein said I/O device is a keyboard.

1 10. The method of claim 8 wherein said I/O device is a mouse .

1 11. The method of claim 8 wherein said I/O device is a graphical display.

1 12. The method of claim 6 further comprising wherein communications between said
2 first machine, said second machine, and said devices are wireless and lack the presence of
3 cable connections.

1 13. A method for initializing a system for wireless control switching comprising:
2 initializing a wireless transceiver;
3 searching for a wireless input/output (I/O) device;
4 initializing said wireless I/O device;
5 assuming control of said wireless I/O device;
6 searching for a machine to share control of said wireless I/O device; and
7 initializing said machine for sharing control of said wireless I/O device.

1 14. The method of claim 13 wherein said searching for said wireless I/O device and
2 for said machine comprises transmitting wireless signals from said transceiver and
3 waiting for wireless responses.

1 15. The method of claim 14 further comprising storing device information for said
2 wireless I/O device.

1 16. The method of claim 15 further comprising storing configuration information for
2 said machine.

1 17. The method of claim 16 further comprising generating a token, wherein owner of
2 said token has control of said wireless I/O device.

1 18. The method of claim 17 wherein said token is transferred to said machine when
2 control of said wireless I/O device is transferred to said machine.

1 19. A system comprising:
2 a wireless input/output device, said wireless I/O device to be controlled through
3 wireless signals;
4 a first computer capable of wireless communication, said first computer to have
5 control of said wireless I/O device;
6 and a second computer capable of wireless communication, said second computer
7 to acquire control of said wireless I/O device upon a request to switch control.

1 20. The system of claim 19 wherein said first computer transmits and receives
2 commands and data with said wireless I/O device while said first computer is in control
3 of said wireless I/O device.

1 21. The system of claim 20 wherein control of said first computer transmits a token to
2 said second computer when said request to switch control is received at said first
3 computer.

1 22. The system of claim 21 wherein said first computer gives up control of said
2 wireless I/O device when said request to switch control is received at said first computer.

1 23. The system of claim 22 wherein said second computer takes control of said
2 wireless I/O device when said token is received at said second computer.

1 24. A machine readable medium having embodied thereon a computer program, said
2 computer program being executable by a machine to perform a method comprising:
3 receiving a wireless request to switch control of a device;
4 relinquishing control of said device; and
5 transferring a token, ownership of said token indicating control of said device.

1 25. The machine readable medium of claim 24 wherein said method further
2 comprises receiving a wireless request to take control of said device.

1 26. The machine readable medium of claim 25 wherein said method further
2 comprises receiving said token after receiving said wireless request to take control.

1 27. The machine readable medium of claim 26 wherein said method further
2 comprises assuming control of said device after receiving said token.

1 28. The machine readable medium of claim 27 wherein said method further
2 comprises wirelessly transmitting data and commands to said wireless I/O device while
3 controlling said wireless I/O device.

1 29. The machine readable medium of claim 28 wherein said transferring of said token
2 comprises sending a wireless transmission to said first machine.